PEBENEU CENTRAL PAX CENTER

JUN 2 3 2008

Application No.

10/573,239

First Named Inventor:

Artemi MARTSINOVSKY

Filed

March 22, 2006

Title

Tunneling Gap Diodes

Docket No.

12096.PCT.US

Confirmation No.

7195

TC/A.U.

2815

Examiner

Jay C. KIM

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 June 23, 2008

AMENDMENT

Sir:

In Response to Office action of March 24, 2008, please amend the above-identified application as follows:

Amendments to the Specification are reflected in the paragraphs of the specification which begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Amendments to the Drawings begin on page 6 of this paper and include attached replacement sheets.

Remarks/Arguments begin on page 7 of this paper.

An Appendix including amended drawing figures is attached following page 12 of this paper.